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amdt A

SEQUENCE LISTING

<110> SUMITOMO PHARMACEUTICALS COMPANY, LIMITED
SAITO, Izumi
SAITO, Yumi

<120> DNA Containing Variant FRT Sequence

<130> 1422-0527P

<140> US 10/089,380
<141> 2002-03-29

<150> JP 11-280210
<151> 1999-09-30

A6

<150> JP 11-346727
<151> 1999-12-06

<150> PCT/JP00/06686
<151> 2000-09-28

<160> 36

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<210> 2
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<210> 3
<211> 34
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<213> Saccharomyces cerevisiae

<400> 3
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<210> 4
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<210> 5

<211> 34
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<210> 8
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<210> 10
<211> 27
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<400> 10
agcttctgca gcagaccgtg catcatg 27

<210> 11
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<212> DNA
<213> Artificial Sequence

<220>
<223> The oligonucleotide is synthesized DNA adaptor.

<400> 11
atgcacggtc tgctgcaga 19

<210> 12
<211> 52
<212> DNA
<213> Artificial Sequence

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<210> 13
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<212> DNA
<213> Artificial Sequence

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<400> 13
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<210> 14
<211> 52
<212> DNA
<213> Artificial Sequence

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<210> 15
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
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<210> 16
<211> 52
<212> DNA
<213> Artificial Sequence

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<210> 17
<211> 52
<212> DNA
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<211> 52
<212> DNA
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<212> DNA
<213> Artificial Sequence

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<400> 19
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<210> 20
<211> 52
<212> DNA
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<220>
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<212> DNA
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<210> 22
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
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<210> 23
<211> 52
<212> DNA
<213> Artificial Sequence

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<210> 24
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<212> DNA
<213> Artificial Sequence

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<210> 25
<211> 52
<212> DNA
<213> Artificial Sequence

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<210> 26
<211> 52
<212> DNA
<213> Artificial Sequence

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<212> DNA
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<400> 27
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<210> 28
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
<223> Designed oligonucleotide based on mutant FRT sequence.

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<210> 29
<211> 52
<212> DNA
<213> Artificial Sequence

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<223> Designed oligonucleotide based on mutant FRT sequence.

<400> 29
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<210> 30
<211> 52
<212> DNA
<213> Artificial Sequence

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<210> 31
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
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<400> 31
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<210> 32
<211> 34
<212> DNA
<213> Artficial Sequence

<220>
<223> Designed oligonucleotide based on mutant FRT sequence.

<400> 32
gaagttccta tactttctac agaataggaa cttc 34

<210> 33
<211> 54
<212> DNA
<213> Artificial Sequence

<220>
<223> Designed oligonucleotide based on FLP recognition sequence.

<400> 33
aaattccgga gaagttccta ttctctagaa agtataggaa cttcgacgtc attt 54

<210> 34
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Designed oligonucleotide as polylinker based on recognition sequences of SwaI, EcoRI, ScaI, KpnI and SmaI, in this order.

<400> 34
aaattgaatt cgagctcggt acccggg 27

<210> 35
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Designed oligonucleotide as linker based on sequence encoding BglII recognition sequence, two stop codons, and XhoI recoginition sequence.

<400> 35
gatcttacta gtaggatc 18

<210> 36
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<223> Designed oligonucleotide as linker based on sequence encoding BglII recognition sequence, two stop codons, and XhoI recoginition sequence.

<400> 36
tcgagatcct actagtaa 18